

# High Frequency ONLINE UPS

**POWERAGE**<sup>®</sup>  
TOTAL ELECTRIC SOLUTIONS

## APPLICATION

Servers, Data-center, critical network devices, Sensitive electronic equipment, Telecommunication & etc.

## KEY FEATURES:

- ☑ Large blue LCD & LED Display
- ☑ True on-line double conversion
- ☑ Pure sine wave power supply system, with bypass repair switch, It can provide a reliable, high quality AC power source to the precision equipments, can be used widely in different fields.
- ☑ Widely used to computer equipments, telecom munication systems and Industrial automatic control equipments.
- ☑ Truly online design, different from offline, it can adjust the input voltage, filtering, when the AC break off, the UPS will provide an uninterruptible power source from the backup batteries.
- ☑ UPS will change to bypass mode when overloading or inverter fault, when overloading remove, UPS will turn to inverter mode automatically.
- ☑ N+X Parallel Redundancy and Capacity expansion for 6-20K(up to three units)



## SPECIFICATIONS

Model	3-20kVA						6-10kVA			
	1KT	1KT-XL	2KT	2KT-XL	3KT	3KT-XL	6KT	6KT-XL	10KT	10KT-XL
Rated Power	3KVA/3.6KW		2KVA/2.4KW		3KVA/3.6KW		6KVA/6.4KW		10KVA/9.6KW	
Rated Voltage	220/230/240VAC						220/230/240VAC			
Rated Frequency	50/60 Hz						50/60 Hz			
Input										
Voltage Range	115 - 256VAC (±3%VAC)						176 - 276VAC (±3%VAC)			
Frequency Range	50Hz (48-64Hz) ; 60Hz (58Hz-64Hz)						50Hz (48-64Hz) ; 60Hz (58Hz-64Hz)			
Power Factor	≥0.99						0.95			
Output										
Voltage Regulation	220/230/240K (±2%/VAC)						208/216/228/240K (±2%/VAC)			
Frequency Regulation	50/60Hz ±0.05Hz						50/60Hz ±0.05Hz			
Power Factor	0.8						0.8			
Voltage Distortion	Linear load<3% Non-linear load<6%						Linear load<3% Non-linear load<6%			
Overload Capability	110%-150% for 30 sec; >150% for 200ms						100%-120% for 10 min; >120% for 1min			
Current Crest Ratio	3 : 1						3 : 1			
Transfer Time	0ms (AC mode →Battery mode)						0ms (AC mode →Battery mode)			
Battery										
DC Voltage	38VDC		48VDC		66VDC		245 VDC			
Recharge Time	5 hours to 90% of capacity after full load discharge						7hrs to 90% of capacity after full load discharge			
Recharge Current	1A	4A/3A	1A	4A/3A	1A	4A/3A	2A	4.2A	3A	4.5A
Display										
LCD	Display input/output Voltage, Frequency, Battery voltage, Battery capacity, Loading rate						Display input/output Voltage, Frequency, Battery voltage, Battery capacity, Loading rate			
Communication										
Interface	Smart RS232, SNMP (Optional), USB (Optional)						Smart RS232, SNMP card (optional), USB (optional)			
Environment										
Operation Temperature	0-40°C						0-40°C			
Humidity	0-85% (Non-condensing)						0-85% (Non-condensing)			
Storage Temperature	-25°C-55°C						-25°C-55°C			
Sea Level Elevation	<1500m						<1500ft			
Noise Level (1m)	<45dB		<40dB		<50dB		<55dB			



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